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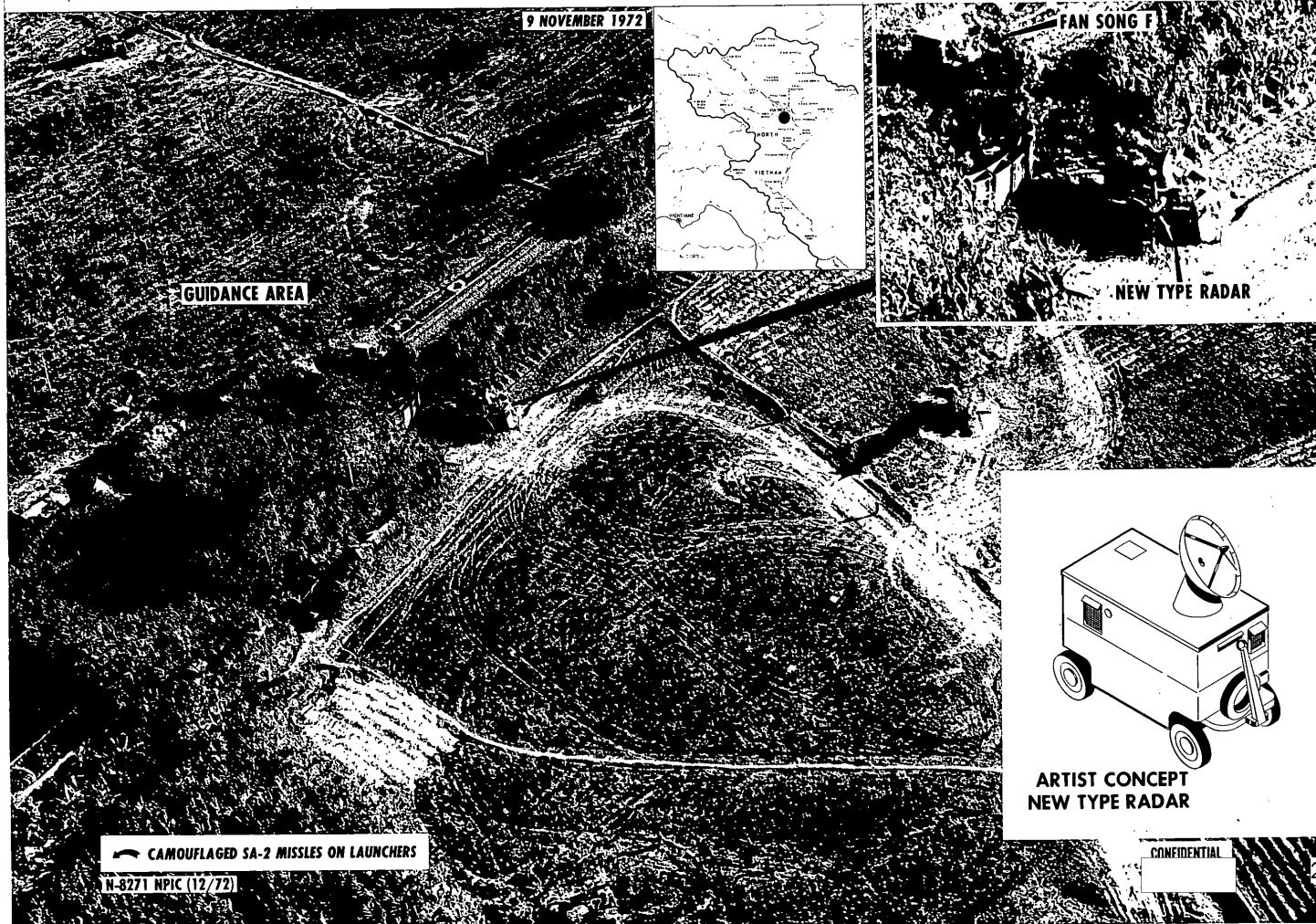
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25X1

NEW TYPE RADAR HANOI SAM SITE A25A-02, NORTH VIETNAM 20-54N 105-44E

MISSION BHQ 111, 9 NOVEMBER 1972



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REFERENCE TO: BH Q-111

NEW TYPE RADAR
HANOI SAM SITE A25A-02 (NVN 549)
NORTH VIETNAM

1. SIGNIFICANCE: A NEW TYPE RADAR OBSERVED COLLOCATED WITH AN SA-2 SITE IN NORTH VIETNAM.
2. LOCATION: HANOI SAM SITE A25A-02 (NVN 549) IS 9 NM SOUTHWEST OF HANOI AT 20-54-58N 105-44-09E.
3. BACKGROUND: RADARS IDENTIFIED AS FIRE CANS HAVE PREVIOUSLY BEEN OBSERVED COLLOCATED AT FIVE SA-2 SITES IN THE HANOI AREA OF NORTH VIETNAM. THE NEW TYPE RADAR IS SIMILAR IN APPEARANCE TO THE FIRE CAN, ESPECIALLY THE SIZE OF THE REFLECTOR AND ITS POSITION ON THE PROBABLE VAN TRAILER. BECAUSE OF THIS GENERAL SIMILARITY, THE RADARS IDENTIFIED AS FIRE CAN AT THE FIVE SA-2 SITES MAY ALSO HAVE BEEN THE NEW TYPE RADAR. AVAILABLE PHOTOGRAPHY IS NOT ADEQUATE FOR MORE DETAILED ANALYSIS.

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WARNING NOTICE
Sensitive Intelligence Sources
and Methods Involved.

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4. REMARKS: USED IN CONJUNCTION WITH STANDARD SA-2 ELECTRONICS EQUIPMENT, THIS NEW TYPE RADAR MAY PROVIDE A COUNTER TO ELECTRONICS WARFARE PROCEDURES.
5. NEGATION DATE: 25X1
6. FIRST IDENTIFICATION: THIS MISSION
7. MISSION READOUT: A NEW TYPE RADAR WAS OBSERVED NEAR THE CENTRAL GUIDANCE AREA OF A NEWLY IDENTIFIED FIELD-DEPLOYED SA-2 SITE IN THE HANOI AREA OF NORTH VIETNAM. THE NEW RADAR IS SIMILAR IN APPEARANCE TO THE FIRE CAN RADAR BUT NOT IDENTICAL TO ANY KNOWN RADAR SYSTEM. THE RADAR HAS A SINGLE PARABOLIC REFLECTOR MOUNTED ON A PROBABLE VAN TRAILER. THE REFLECTOR IS APPROXIMATELY IN DIAMETER AND IS EITHER 25X1
A SOLID OR FINE MESH DISH. THE DISH IS MOUNTED ON A CONICAL SHAPED PEDESTAL, POSITIONED APPROXIMATELY ONE THIRD THE DISTANCE ALONG THE LONG AXIS OF THE PROBABLE VAN TRAILER. THE ANTENNA FEED IS POSITIONED APPROXIMATELY FROM THE 25X1

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[REDACTED]
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7. MISSION READOUT: (CONT'D)

CENTER OF THE REFLECTOR. A CENTER AXIS FEED SUPPORT IS ABSENT. THE FEED ELEMENT APPEARS TO HAVE A TRIPOD OR MULTI-BAR SUPPORT ATTACHED INSIDE THE DISH. THE DISTANCE FROM THE BASE OF THE PEDESTAL TO THE TOP OF THE DISH IS APPROXIMATELY [REDACTED]

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[REDACTED] ACCURATE MEASUREMENTS OF THE PROBABLE VAN TRAILER CANNOT BE DETERMINED DUE TO REVETTING AND CAMOUFLAGING MEASURES. APPROXIMATE MEASURE INDICATE THE TRAILER IS [REDACTED] IN LENGTH AND AT LEAST [REDACTED] IN HEIGHT.

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NOTE: THE FIRE CAN DOES NOT HAVE A CONICAL PEDESTAL OR A TRIPOD/MULTI-BAR FEED SUPPORT AS IS OBSERVED ON THE NEW TYPE RADAR.

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[REDACTED]
ENLARGEMENTS: 20X, INSET - 40X

IEG/SGD/SAB

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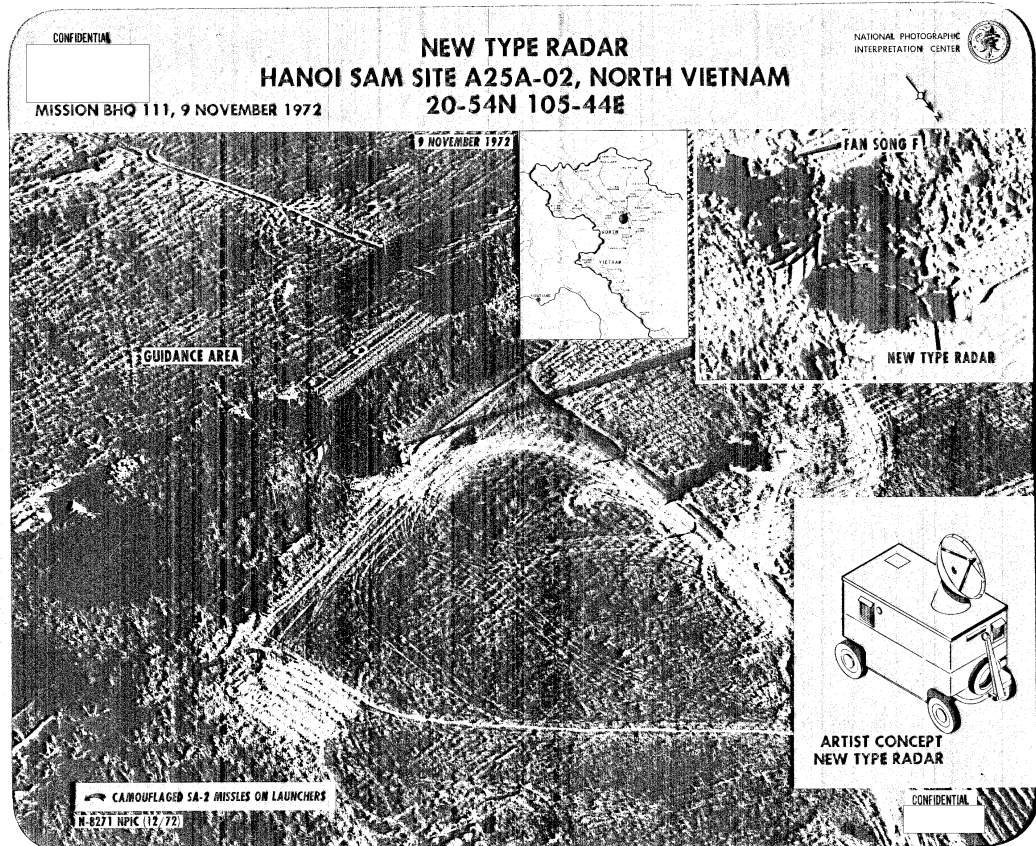
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NPIC CONTROL NUMBER

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RETURN TO:
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ROOM 4S-447A 4N217

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